

## ABSTRACT

The present invention related to a single-core bidirectional optical transceiver module, which mainly includes: optical transceiver sleeve, laser diode package, photoelectric sensor, filter glass & combined-seat; wherein, the combined-seat is rectangular, whose surface is made of stainless steel, the part included within it is made of plastic material, to be formed by way of integration; besides it connects with the optical transceiver sleeve at the right side, connects with the laser diode package at the left side, connects again with the photoelectric sensor at its top; such three components are combined in the combined-seat and form an improved structure for single-core optical transceiver module, so as to provide the product of this creation with the advantages of easy workability and low cost.